



TRANSFORMING EDUCATION, EMBRACING DIVERSITY



BridgeAI

Project Number:

2024-1-SE01-KA220-SCH-000243601



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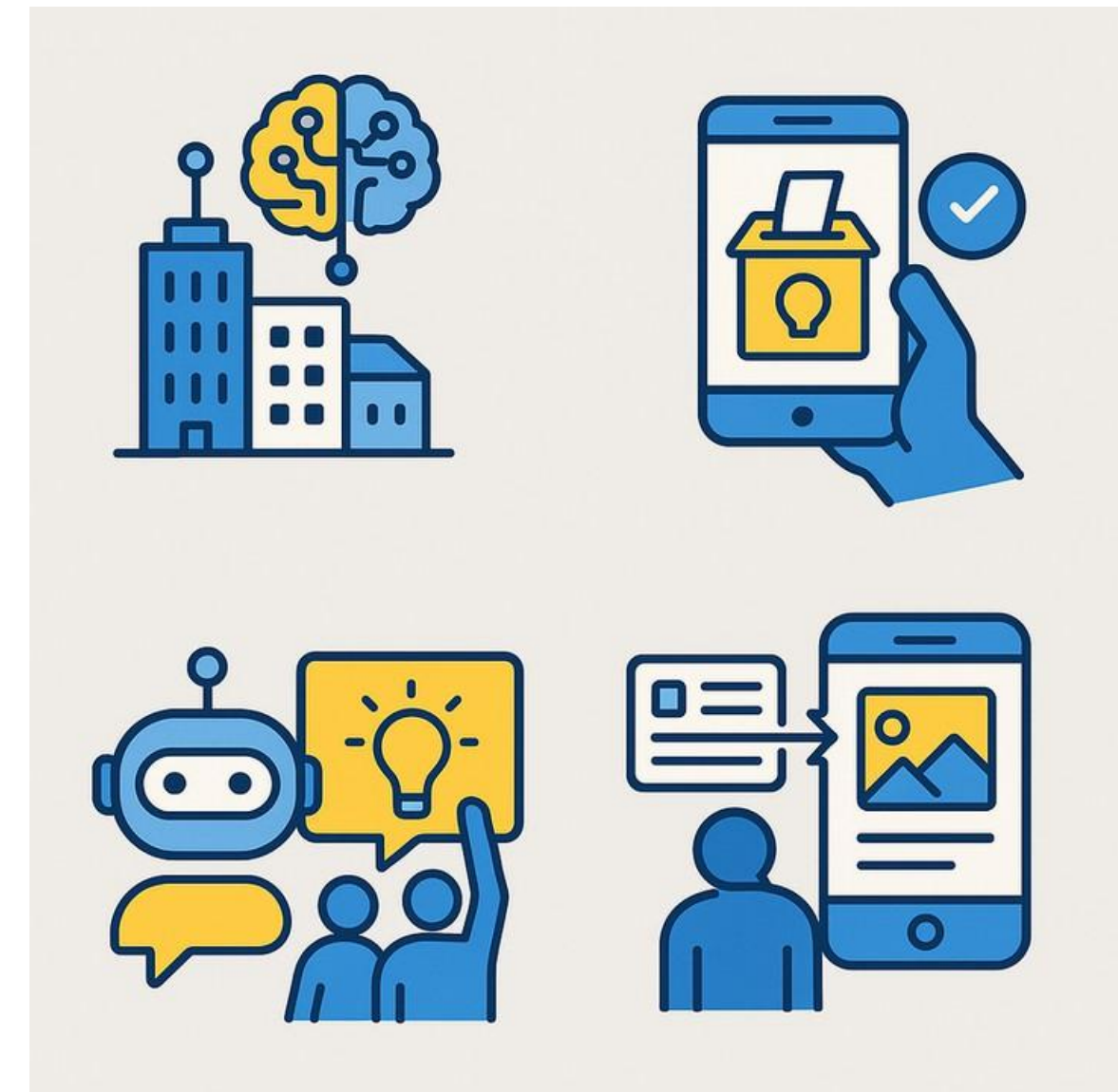
BridgeAI WP3 : Syllabus, Module 5 Presentation

AI in Education - AI for Active Citizenship

1. Introduction

In this module, we will see how artificial intelligence can strengthen democratic participation.

E-participation, Smart Cities, Participatory budgeting platforms, Civic co-design and AI prototyping are examples of the transformations enabled by AI today.



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2. Objectives

The objectives of this module are:

- Understanding the **role of AI in civic innovation** (e-participation, smart cities, participatory budgets)
- Co-designing **AI-based civic solutions** by identifying local needs and target audiences
- Create a prototype of an **AI civic tool integrating principles of inclusion, ethics and accessibility.**



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3. Why is it important?

AI is profoundly transforming the way citizens participate in public life:

- Cities use AI to analyze traffic, pollution, or report incidents.
- Participatory voting platforms integrate recommendation algorithms.
- Young people are becoming essential actors in the creation of inclusive digital tools.

→ **Digital citizenship is no longer an option, it's a core skill of the 21st century.**



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4. Key Concepts / Tools

1. **E-participation** : Digital tools that allow citizens to vote, report, propose or debate.
2. **Smart Cities** : Smart city management through data analysis (mobility, security, environment).
3. **Participatory budgets** : Platforms where citizens propose and vote on public projects.
4. **Civic co-design** : Collaborative construction of solutions with young people, residents, associations.
5. **AI Prototyping** : Creation of mockups, chatbots, or functional diagrams integrating AI functions.



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5. Strategies / Good Practices

Practice 1 : Starting from local needs

Identify the real problems experienced by citizens.

Practice 2 : Integrate different audiences

The elderly, migrants, people with disabilities, young people: everyone must participate.

Practice 3 : Test early and often

Prototype, test and adjust to ensure inclusion and accessibility.



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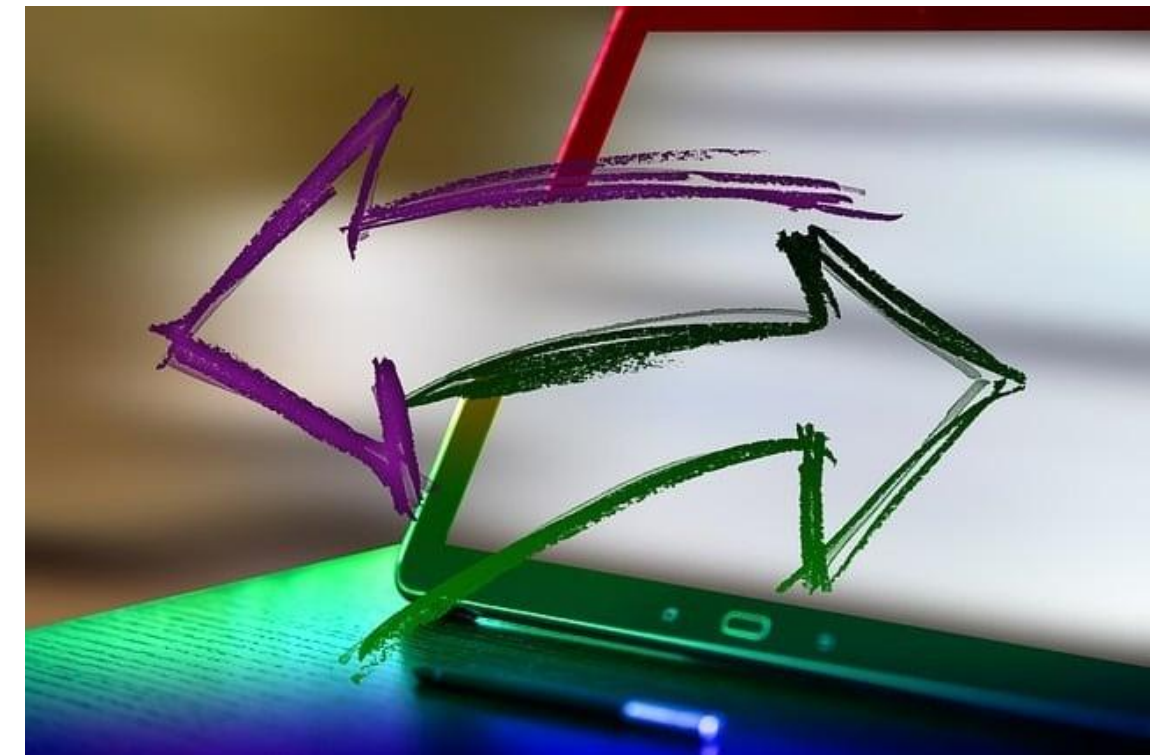
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6. Interactive Activity Overview

Practical workshop: Creating an AI-based civic tool

Participants must work in groups in order to:

1. Identify a local civic issue
2. Propose an AI solution
3. Design a mini-prototype (model, chatbot, diagram)
4. Present their concept to the other groups



-> The objective is to understand concretely how a civic innovation is born.



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7. Risks & Challenges

- **Risk 1: Digital exclusion**

Solution: simple interfaces, multilingual, audio versions.

- **Risk 2: Bias in the data**

Solution: check the sources, diversify the datasets.

- **Risk 3: Lack of transparency**

Solution: clearly explain how algorithms work.

- **Risk 4: Technological dependence**

Solution: propose non-digital alternatives.



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8. Case Study / Example

Some relevant French examples of "e-participation" experiences, smart cities and participatory budgets, with their URLs:

1. Cerema—'Implement a participatory budget'

<https://smart-city.cerema.fr/territoire-intelligent/budget-participati>smart-city>

2. Paris — «The Parisian digital participatory budget»

<https://journals.openedition.org/norois/14188>

3. Lyon & French territory — «Online participation: challenges and devices»

<https://millenaire3.grandlyon.com/ressources/2023/la-participation-en-ligne-une-reponse-perfectible-a-des-demandes-sociales-et-institutionnelles>.



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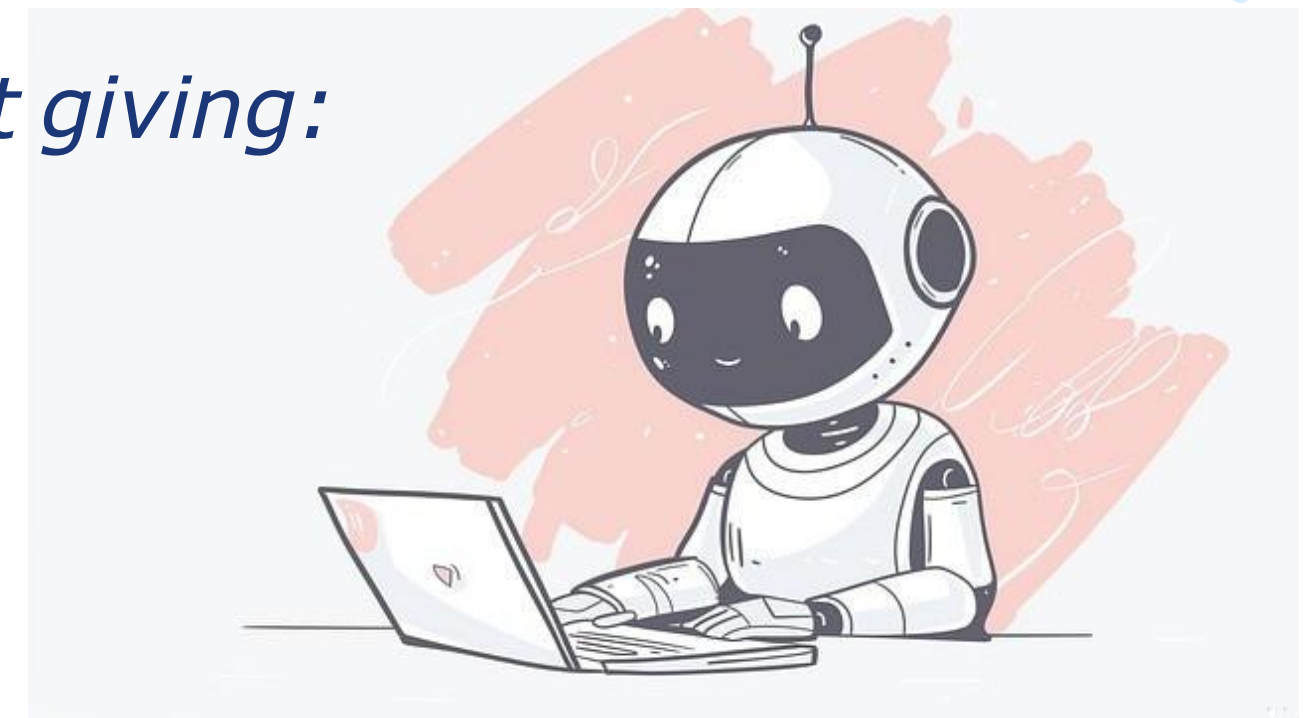
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8. Case Study / Example

A practical example for this activity: A civic chatbot for young people.

A group of young people designs an informative chatbot giving:

- *the schedules of public services,*
- *the administrative procedures,*
- *local events.*



-> The AI function is to understand natural language to help citizens 24/7.



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9. Expected Outputs

The participants will have to produce:

- An analysis sheet of existing civic tools
- An AI civic project idea co-designed
- A visual prototype (model or diagram)
- A final presentation of the concept



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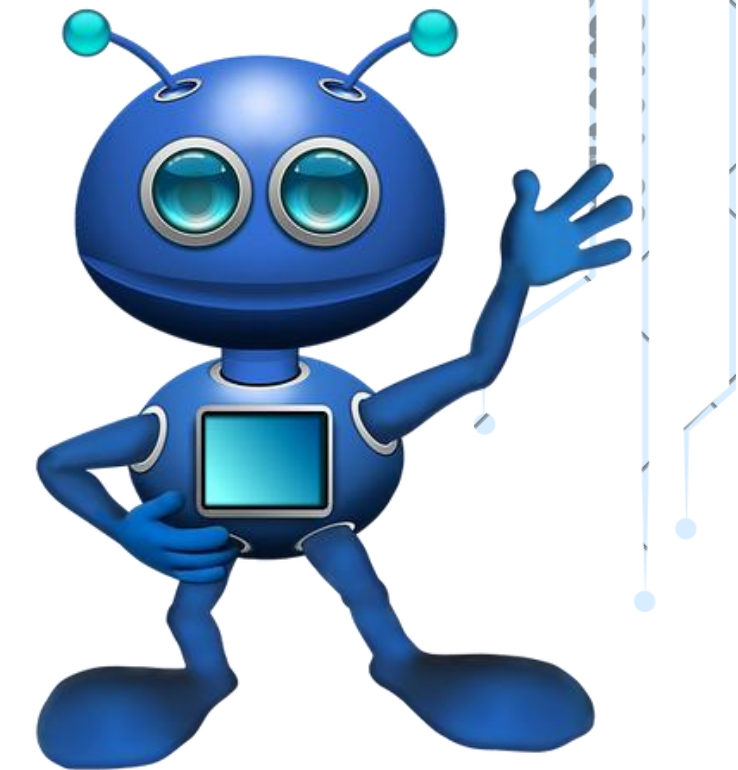
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10. Wrap-up & Next Steps

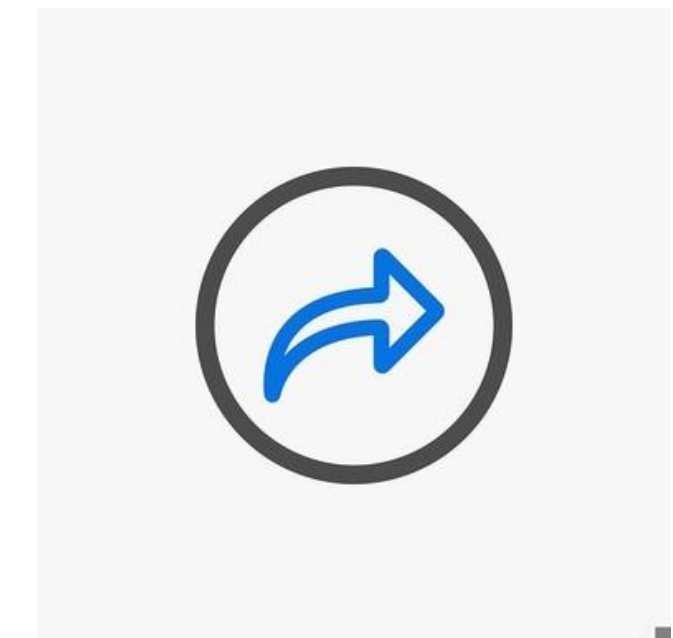


In summary:

- AI can strengthen democratic engagement
- Young people have a central role in civic innovation
- Solutions must be inclusive and ethical

Next steps:

- Prepare a civic AI project in a team
- Testing existing AI tools



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